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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known							
				Application		10/644,561					
				Filing Date		August 19, 2003					
				First Name	d Inventor	Hsueh-Yuan Pao et al					
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H.V.		KLYMYSHYN D. M. et al, "F Electronics Letters, vol. 38,	PGA Imple no. 10, 9 M	ementation of lay 2002 (20	of Multiplierless 102-05-09), pag	M-QAM Modulator", ges 461-462.					
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Sheet 1 of 2	Attorney Docket Number	IL-11028				

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Examiner Initials*	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Documen	Date of Publication of Cited Document MM-DD-YYYY		es, ges or bear
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